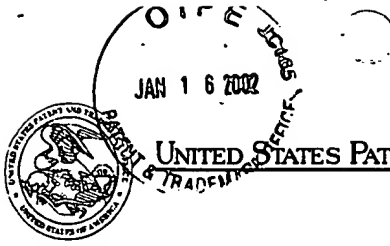


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#5 Page 1 of 1



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/875,321	06/06/2001	Rory A.J. Curtis	10448-061001

CONFIRMATION NO. 7512

FORMALITIES LETTER

OC00000006319342

LOUIS MYERS
Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804

Date Mailed: 07/19/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

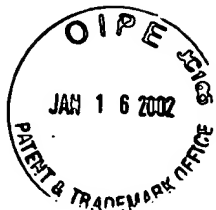
- o The oath or declaration is unsigned.
- o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- o The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

01/22/2002 BHARTEN 00000088 09875321
01 FC:105 130.00 DP



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Attorney's Docket No.: 10448-061001 / MPI2000-252B1R

See above

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Rory A.J. Curtis Art Unit : 1645
Serial No. : 09/875,321 Examiner :
Filed : June 6, 2001
Title : 52906, 33408, AND 12189, NOVEL POTASSIUM CHANNEL FAMILY
MEMBERS AND USES THEREOF

BOX MISSING PARTS
Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

In response to the Notice to File Missing Parts of Application under 37 CFR §1.53(b)
mailed July 19, 2001 (copy enclosed), applicant as a large entity submits herewith the following:

- ☒ Check in payment of \$130 surcharge for filing the declaration on a date later than
the filing date of the application;
- ☒ Petition for One-Month Extension of Time and appropriate fee; and
- ☒ Combined Declaration and Power of Attorney in compliance with 37 CFR §1.63.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being
deposited with the United States Postal Service as first class mail with
sufficient postage on the date indicated below and is addressed to the
Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

October 19, 2001

Signature

Darlene J. Morin

Typed or Printed Name of Person Signing Certificate

Darlene J. Morin

Applicant : Rory A.J. Curtis
Serial No. : 09/875,321 -
Filed : June 6, 2001
Page : 2



Attorney's Docket No.: 10448-061001 / MPI2000-
252PIR

It is understood that this perfects the application and no additional papers or filing fees are required. Please apply any other charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 10448-061001.

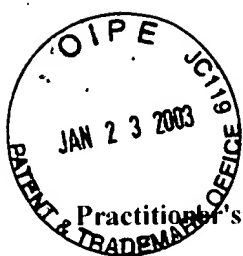
Respectfully submitted,

Date: October 19, 2001



Jack Brennan
Reg. No. 47,443

Fish & Richardson P.C.
225 Franklin Street
Boston, Massachusetts 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906



01-27-03

#9 1646
2/3
2/7/03
PATENT

Practitioner's Docket No. MPI00-252P1RM (10448-061001)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Curtis, Rory A.J.
Application No.: 09/875321 Group No.: 1646
Filed: June 06, 2001 Examiner: Michael D. Pak
For: 52906, 33408, AND 12189, NOVEL POTASSIUM CHANNEL FAMILY MEMBERS AND USES THEREOF

U.S. Patent and Trademark Office
Box Sequence
P.O. Box 2327
Arlington, VA 22202

SUBMISSION OF "SEQUENCE LISTING," COMPUTER READABLE COPY,
AND/OR AMENDMENT PERTAINING THERETO
FOR BIOTECHNOLOGY INVENTION CONTAINING NUCLEOTIDE
AND/OR AMINO ACID SEQUENCE

RECEIVED

JAN 30 2003

TECH CENTER 1600/2900

1. ☒ This replies to the Office Letter Dated October 2, 2002.

☒ A copy of the Office Letter is enclosed.

IDENTIFICATION OF PERSON MAKING STATEMENT

2. I, Theodore R. Allen
(type or print name of person signing below)

state the following:

CERTIFICATION UNDER 37 C.F.R. SECTIONS 1.8(a) and 1.10*

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

☒ deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents,
Washington, D.C. 20231.
37 C.F.R. SECTION 1.8(a)

37 C.F.R. SECTION 1.10*

☐ with sufficient postage as first class mail.

☒ as "Express Mail Post Office to Address"
Mailing Label No. EV 108142991 US

TRANSMISSION

☐ transmitted by facsimile to the Patent and Trademark Office.

Signature Sean Hunziker

Date: 22 January 2003

Sean Hunziker
(type or print name of person certifying)

***WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. section 1.10(b). "Since the filing of correspondence under section 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Submission-Nucleotide and/or Amino Acid Sequence--page 1 of 4)

ITEMS BEING SUBMITTED

3. Submitted herewith is/are:

- A. ☒ "Sequence Listing(s)" for the nucleotide and/or amino acid sequence(s) in this application. Each "Sequence Listing" is assigned a separate identifier as required in 37 C.F.R. Section 1.821(c) and 37 C.F.R. Sections 1.822 and 1.823.
- B. ☒ An amendment to the description and/or claims, wherein reference is made to the sequence by use of the assigned identifier, as required in 37 C.F.R. Section 1.821(d).
- C. ☒ A copy of each "Sequence Listing" submitted for this application in computer readable form, in accordance with the requirements of 37 C.F.R. Sections 1.821(e) and 1.824.
- D. ☐ Please transfer to this application, in accordance with 37 C.F.R. Section 1.821(e), the computer readable copy(ies) from applicant's other application identified as follows:

In re application of:

Application No.:

Filed:

For:

Group No.:

Examiner:

The Computer readable form(s) of applicant's other application corresponds to the "Sequence Identifier(s)" of the application as follows:

Computer Readable Form

(other application)

"Sequence Identifier"

(this application)

- E. ☒ A statement that the content of each "Sequence Listing" submitted and each computer readable copy are the same, as required in 37 C.F.R. Section 1.821(f).
- ☐ Because the statement is not made by a person registered to practice before the Office, the Statement is verified as required in 37 C.F.R. Section 1.821(b).

F. ☒ Because this submission is made in fulfilling the requirement under 37 C.F.R. Section 1.821(g), a statement that the submission includes no new matter.

☐ Because the statement is not made by a person registered to practice before the Office, the statement is verified, as required in 37 C.F.R. Section 1.821(g).

**STATEMENT THAT "SEQUENCE LISTING"
AND COMPUTER READABLE COPY ARE THE SAME
AND/OR THAT PAPERS SUBMITTED INCLUDES NO NEW MATTER**

4. I hereby state:

A. ☐ Each computer readable form submitted in this application, including those forms requested to be transferred from applicant's other application, is the same as the "Sequence Listing" to which it is indicated to relate.

B. ☐ All papers accompanying this submission, or for which a request for transfer from applicants' other application, introduce no new matter.

EXTENSION OF TERM

5. The proceedings herein are for a patent application and the provisions of 37 C.F.R. Section 1.136 apply.

(a) ☒ Applicant petitions for an extension of time under 37 C.F.R. Section 1.136 (fees: 37 C.F.R. Section 1.17(a)(1)-(4)) for the total number of months checked below:

Extension (months)	Fee for other than small entity	Fee for small entity
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 410.00	\$ 205.00
<input checked="" type="checkbox"/> three months	\$ 930.00	\$ 465.00
<input type="checkbox"/> four months	\$1,450.00	\$ 725.00

Fee **\$930.00**

If an additional extension of time is required, please consider this a petition therefor.

☐ An extension for _____ months has already been secured, and the fee paid therefor of
\$0.00 is deducted from the total fee due for the total months of extension
now requested.

Practitioner's Docket No. MPI00-252P1RM

Extension fee due with this request \$930.00

OR

- (b) ☐ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

FEE PAYMENT

6. ☐ Attached is a check in the sum of \$_____.

☒ Charge Account No. 501668 the sum of \$930.00.

A duplicate of this transmittal is attached.

FEE DEFICIENCY

8. ☒ If any additional extension and/or fee is required, charge Account No. 501668.

22 January 2003

MILLENNIUM PHARMACEUTICALS, INC.

By 

Theodore R. Allen

Registration No. 41,578

75 Sidney Street

Cambridge, MA 02139

Telephone - 617-761-6815

Facsimile - 617-551-8820